

ABSTRACT

5 A single-use system for separating blood and producing platelet concentrates includes an elongated container for receiving blood from a patient. The container has a movable plunger mounted within the blood container for expressing blood fractions separated during centrifugation of the
10 container through a first port mounted at one end of said container, a second port mounted on the plunger, and a third port mounted on a plunger rod attached to the plunger.